



Attorney Docket No. 61765.005014  
Attorney Customer No. 21967

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re US Patent Application of:	)	
	)	
Teresa Grocela ROCHA et al.	)	
	)	
Application No.: 10/743,646	)	Group Art Unit: Unassigned
	)	
Filing Date: December 22, 2003	)	Examiner: Unassigned
	)	
Title: CATALYST SYSTEM AND	)	
METHOD FOR THE	)	
REDUCTION OF NO <sub>x</sub>	)	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

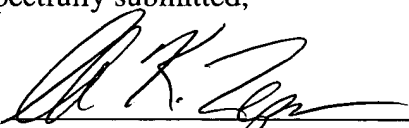
In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, Applicants respectfully submit the enclosed documents for the Examiner's consideration. A copy of Form PTO-1449 and copies of each of the listed documents are enclosed for the Examiner's convenience.

Applicants respectfully request that the Examiner consider the enclosed references and that the Examiner indicate that the references have been considered in this application by returning a copy of the Form PTO-1449 with the Examiner's initials in the left column as per MPEP 609.

Respectfully submitted,

Date: 2/24/04

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/743,646
Filing Date	12/22/03
First Named Inventor	Teresa G. ROCHA et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	61765.005014 (GE 129438)

Sheet 1 of 5

**U.S. PATENT DOCUMENTS**

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 2003/0134745	07/17/03	Park	
	2	US- 5,993,764	11/30/99	Tabata et al.	
	3	US- 6,089,017	07/18/00	Ogawa et al.	
	4	US- 6,128,899	10/10/00	Oono et al.	
	5	US- 6,153,161	11/28/00	Fetzer et al.	
	6	US- 6,153,162	11/28/00	Fetzer et al.	
	7	US- 6,182,443	02/06/01	Jarvis et al.	
	8	US- 6,202,407	03/20/01	Brusasco et al.	
	9	US- 6,232,253	05/15/01	Narula et al.	
	10	US- 6,258,336	07/10/01	Breen et al.	
	11	US- 6,296,820	10/02/01	Fröhlich et al.	
	12	US- 6,305,160	10/23/01	Hammerle et al.	
	13	US- 6,314,722	11/13/01	Matros et al.	

**FOREIGN PATENT DOCUMENTS**

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
	1	WO	86/01741	03/27/86	Jüntgen et al.		<input type="checkbox"/>	<input type="checkbox"/>
	2	WO	94/04258	03/03/94	Stiles et al.		<input type="checkbox"/>	<input type="checkbox"/>
	3	WO	96/01689	01/25/96	Audeh et al.		<input type="checkbox"/>	<input type="checkbox"/>
	4	WO	96/29140	09/26/96	Tabata et al.		<input type="checkbox"/>	<input type="checkbox"/>
	5	WO	98/56492	12/17/98	Hartweg et al.		<input type="checkbox"/>	<input type="checkbox"/>
	6	WO	99/39809	08/12/99	Andreasson et al.		<input type="checkbox"/>	<input type="checkbox"/>
	7	WO	00/59600	10/12/00	Millar et al.		<input type="checkbox"/>	<input type="checkbox"/>
	8	WO	01/19499	03/22/01	Feldmann		<input type="checkbox"/>	<input type="checkbox"/>
	9	WO	01/56685	08/09/01	Hedouin et al.		<input type="checkbox"/>	<input type="checkbox"/>
	10	WO	01/63104	08/30/01	Roth et al.		<input type="checkbox"/>	<input type="checkbox"/>

	Cite No.	Country Code:	Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
							Yes	No
	11	WO	02/31325	04/18/02	He et al.		<input type="checkbox"/>	<input type="checkbox"/>
	12	EP	0 148 261	05/13/87	Wolstein		<input type="checkbox"/>	<input type="checkbox"/>
	13	EP	0 537 968	01/24/96	Oshima et al.		<input type="checkbox"/>	<input type="checkbox"/>
	14	EP	0 732 140	09/18/96	Bellussi et al.		<input type="checkbox"/>	<input type="checkbox"/>
	15	EP	0 852 966	07/15/98	Ikeda et al.		<input type="checkbox"/>	<input type="checkbox"/>
	16	EP	0 963 782	05/14/03	Chun et al.		<input type="checkbox"/>	<input type="checkbox"/>
	17	EP	0 593 790	12/27/96	Hüttenhofer et al.		<input type="checkbox"/>	<input type="checkbox"/>
	18	EP	0 656 809	04/07/99	Stiles et al.		<input type="checkbox"/>	<input type="checkbox"/>
	19	EP	0 687 499	06/14/95	Hartweg et al.		<input type="checkbox"/>	<input type="checkbox"/>
	20	EP	0 697 240	02/21/96	Jacobs et al.		<input type="checkbox"/>	<input type="checkbox"/>
	21	EP	1 027 919	08/16/00	Jarvis et al.		<input type="checkbox"/>	<input type="checkbox"/>
	22	EP	1 036 591	09/20/00	Hachisuka et al.		<input type="checkbox"/>	<input type="checkbox"/>
	23	EP	1 054 139	11/22/00	Goerigk et al.		<input type="checkbox"/>	<input type="checkbox"/>
	24	EP	1 054 722	11/20/01	Andreasson et al.		<input type="checkbox"/>	<input type="checkbox"/>
	25	EP	1 0766 454	06/18/03	Mahr		<input type="checkbox"/>	<input type="checkbox"/>
	26	EP	1 094 206 A2	04/25/01	Yamamoto et al.		<input type="checkbox"/>	<input type="checkbox"/>
	27	EP	1 094 206 A3	03/12/03	Yamamoto et al.		<input type="checkbox"/>	<input type="checkbox"/>
	28	JP	51133191	11/18/76	Nanbu et al.		<input type="checkbox"/>	<input type="checkbox"/>
	29	JP	51141788	12/06/76	Matsumoto et al.		<input type="checkbox"/>	<input type="checkbox"/>
	30	JP	52024996 ✓	02/24/77	Nishikawa et al.		<input type="checkbox"/>	<input type="checkbox"/>
	31	JP	52037590 ✓	03/23/77	Suzuki		<input type="checkbox"/>	<input type="checkbox"/>
	32	JP	52042489 ✓	04/02/77	Nishikawa et al.		<input type="checkbox"/>	<input type="checkbox"/>
	33	JP	52148495 ✓	12/09/77	Umemura et al.		<input type="checkbox"/>	<input type="checkbox"/>
	34	JP	60025542 ✓	02/08/85	Fukuda et al.		<input type="checkbox"/>	<input type="checkbox"/>
	35	JP	01127689 ✓	05/19/89	Fujita		<input type="checkbox"/>	<input type="checkbox"/>
	36	JP	03089699 ✓	04/15/91	Kuraya		<input type="checkbox"/>	<input type="checkbox"/>
	37	JP	04250522 ✓	09/07/92	Morioka		<input type="checkbox"/>	<input type="checkbox"/>
	38	JP	06198172 ✓	07/19/94	Abe et al.		<input type="checkbox"/>	<input type="checkbox"/>
	39	JP	07068180 ✓	03/14/95	Nakatsuji et al.		<input type="checkbox"/>	<input type="checkbox"/>
	40	JP	07086259 ✓	03/31/95	Otsubo et al.		<input type="checkbox"/>	<input type="checkbox"/>
	41	JP	07150245 ✓	06/13/95	Nagae et al.		<input type="checkbox"/>	<input type="checkbox"/>

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DATE CONSIDERED

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	Cite No.	Country Code:	Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
							Yes	No
	42	JP	07213902 ✓	08/15/95	Miyoshi et al.		<input type="checkbox"/>	<input type="checkbox"/>
	43	JP	07237385 ✓	09/12/95	Yamanaka		<input type="checkbox"/>	<input type="checkbox"/>
	44	JP	07284664 ✓	10/31/95	Abe et al.		<input type="checkbox"/>	<input type="checkbox"/>
	45	JP	10054138	02/24/98	Nakano et al.		<input type="checkbox"/>	<input type="checkbox"/>
	46	JP	11221468	08/17/99	Tabata et al.		<input type="checkbox"/>	<input type="checkbox"/>
	47	JP	11221470	08/17/99	Tabata et al.		<input type="checkbox"/>	<input type="checkbox"/>
	48	JP	10151347	06/09/98	Nakatsuji et al.		<input type="checkbox"/>	<input type="checkbox"/>
	49	JP	10192060	07/28/98	Kushioka		<input type="checkbox"/>	<input type="checkbox"/>
	50	JP	10258232	09/29/98	Ogura et al.		<input type="checkbox"/>	<input type="checkbox"/>
	51	JP	10296080	11/10/98	Hosoya		<input type="checkbox"/>	<input type="checkbox"/>
	52	JP	10314593	12/12/98	Nakatsuji et al.		<input type="checkbox"/>	<input type="checkbox"/>
	53	JP	10317946	12/02/98	Kumagai et al.		<input type="checkbox"/>	<input type="checkbox"/>
	54	JP	11019513	01/26/99	Haneda et al.		<input type="checkbox"/>	<input type="checkbox"/>
	55	JP	11128753	05/18/99	Mukai et al.		<input type="checkbox"/>	<input type="checkbox"/>
	56	JP	11169711	06/29/99	Terada et al.		<input type="checkbox"/>	<input type="checkbox"/>
	57	JP	11173181	06/29/99	Takahashi et al.		<input type="checkbox"/>	<input type="checkbox"/>
	58	JP	11147041	06/02/99	Hosoya et al.		<input type="checkbox"/>	<input type="checkbox"/>
	59	JP	11221467	08/17/99	Tsuji et al.		<input type="checkbox"/>	<input type="checkbox"/>
	60	JP	11276899	10/12/99	Arakawa		<input type="checkbox"/>	<input type="checkbox"/>
	61	JP	11288227	10/19/99	Shinohara et al.		<input type="checkbox"/>	<input type="checkbox"/>
	62	JP	11285624	10/19/99	Chattha et al.		<input type="checkbox"/>	<input type="checkbox"/>
	63	JP	11333256	12/07/99	Hirabayashi		<input type="checkbox"/>	<input type="checkbox"/>
	64	JP	2000002111	01/07/00	Takahashi		<input type="checkbox"/>	<input type="checkbox"/>
	65	JP	2000008909	01/11/00	Nakazono et al.		<input type="checkbox"/>	<input type="checkbox"/>
	66	JP	2000010358	01/14/00	Miyamoto et al.		<input type="checkbox"/>	<input type="checkbox"/>
	67	JP	2000054825	02/22/00	Nakamura et al.		<input type="checkbox"/>	<input type="checkbox"/>
	68	JP	2000070722	03/07/00	Akama et al.		<input type="checkbox"/>	<input type="checkbox"/>
	69	JP	2000080918	03/21/00	Shinjo et al.		<input type="checkbox"/>	<input type="checkbox"/>
	70	JP	2000093794	04/04/00	Kuroda et al.		<input type="checkbox"/>	<input type="checkbox"/>
	71	JP	2000117058	04/25/00	Bourges et al.		<input type="checkbox"/>	<input type="checkbox"/>

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							Yes	No
	72	JP	2000135419	05/16/00	Akama et al.		<input type="checkbox"/>	<input type="checkbox"/>
	73	JP	2000140638	05/23/00	Hachisuga et al.		<input type="checkbox"/>	<input type="checkbox"/>
	74	JP	2000192853	07/11/00	Yamazeki et al.		<input type="checkbox"/>	<input type="checkbox"/>
	75	JP	2000202243	07/25/00	Iizuka et al.		<input type="checkbox"/>	<input type="checkbox"/>
	76	JP	2000225323	08/15/00	Kamioka et al.		<input type="checkbox"/>	<input type="checkbox"/>
	77	JP	2000230414	08/22/00	Jarvis et al.		<input type="checkbox"/>	<input type="checkbox"/>
	78	JP	2000248923	09/12/00	Gabe		<input type="checkbox"/>	<input type="checkbox"/>
	79	JP	2000257420	09/19/00	Nishimoto		<input type="checkbox"/>	<input type="checkbox"/>
	80	JP	2000271428	10/03/00	Tanizawa		<input type="checkbox"/>	<input type="checkbox"/>
	81	JP	2000282851	10/10/00	Take		<input type="checkbox"/>	<input type="checkbox"/>
	82	JP	2000282852	10/10/00	Asaumi		<input type="checkbox"/>	<input type="checkbox"/>
	83	JP	2000297627	10/24/00	Akama et al.		<input type="checkbox"/>	<input type="checkbox"/>
	84	JP	2000300995	10/31/00	Hara		<input type="checkbox"/>	<input type="checkbox"/>
	85	JP	2000308829	11/07/00	Sofue		<input type="checkbox"/>	<input type="checkbox"/>
	86	JP	2000325791	11/28/00	Ishikawa		<input type="checkbox"/>	<input type="checkbox"/>
	87	JP	2000337130	12/05/00	Katashiba et al.		<input type="checkbox"/>	<input type="checkbox"/>
	88	JP	2000342966	12/12/00	Ikedo et al.		<input type="checkbox"/>	<input type="checkbox"/>
	89	JP	2001009279	01/16/01	Kimura et al.		<input type="checkbox"/>	<input type="checkbox"/>
	90	JP	2001029793	02/06/01	Nakanishi et al.		<input type="checkbox"/>	<input type="checkbox"/>
	91	JP	2001032745	02/06/01	Hayashi et al.		<input type="checkbox"/>	<input type="checkbox"/>
	92	JP	2001041025	02/13/01	Saito et al.		<input type="checkbox"/>	<input type="checkbox"/>
	93	JP	2001050034	02/23/01	Sato et al.		<input type="checkbox"/>	<input type="checkbox"/>
	94	JP	2001050036	02/23/01	Manaka		<input type="checkbox"/>	<input type="checkbox"/>
	95	JP	2001070755	03/21/01	Mitsuta et al.		<input type="checkbox"/>	<input type="checkbox"/>
	96	JP	2001070797	03/21/01	Mitsuta et al.		<input type="checkbox"/>	<input type="checkbox"/>
	97	JP	2001132440	05/15/01	Ueno et al.		<input type="checkbox"/>	<input type="checkbox"/>
	98	JP	2001145820	05/29/01	Mitsuta et al.		<input type="checkbox"/>	<input type="checkbox"/>
	99	JP	2001149757	06/05/01	Hayashi		<input type="checkbox"/>	<input type="checkbox"/>
	100	JP	2001198461	07/24/01	Sato et al.		<input type="checkbox"/>	<input type="checkbox"/>
	101	JP	2001198462	07/24/01	Minami		<input type="checkbox"/>	<input type="checkbox"/>

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